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- Published:**  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **HEMOSTATIC DRESSING**

(57) Abstract: The present invention relates to a hemostatic dressing which comprises a plurality of layers that contain resorbable materials and/or coagulation proteins. In particular, the invention includes dressings in which a layer of thrombin is sandwiched between a first and second layer of fibrinogen and wherein the layer of thrombin is not coextensive with the first and/or second layer of fibrinogen. The hemostatic dressings are useful for the treatment of wounded tissue.

WO 2004/024195 A1

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/28100

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61L 15/00, 15/16; A01N 37/18; A61K 38/00  
US CL : 424/444, 445; 514/2

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/444, 445; 514/2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/59647 A1 (THE AMERICAN NATIONAL RED CROSS) 25 November 1999 (25.11.1999), entire document.	1-24
A	US 5,702,715 A (NIKOLAYCHIK et al) 30 December 1997 (30.12.1997), Abstract; Figure 1C; Claim 14.	1-24

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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**INTERNATIONAL SEARCH REPORT**

PCT/US03/28100

**Continuation of B. FIELDS SEARCHED Item 3:**

**WEST**

search terms: hemostatic or wound or first aid or hemorrhage or surgical; dressing or bandage or sealant; fibrinogen and thrombin